



NanoPrimer

High performance, surface primer

Description	NanoPrimer is a adhesion promoter for use in difficult conditions where a more conventional primer may not give adequate performance, providing a moisture barrier tack coat to green or damp concrete and as an excellent anti-corrosion protection primer for steel.										
Primary applications	<ul style="list-style-type: none"> All cementitious substrates including damp/green concrete allowing the application of either epoxy or polyurethane self leveler or screed. To allow the early application of methacrylate waterproof coatings. Steel. Chemical resistant primer. Other damp or difficult to wet out substrates. 										
Features & benefits	Provides a barrier between damp or wet surfaces and moisture sensitive finishing coats such as epoxy and polyurethane floor finishes. Offers a high degree of anti-corrosion protection. Relatively low viscosity with good working properties. Outstanding adhesion to damp concrete or sand blasted steel.										
Properties	<table> <tr> <td>Type:</td> <td>epoxy</td> </tr> <tr> <td>S.G.:</td> <td>1.08 + 0.01</td> </tr> <tr> <td>Viscosity:</td> <td>800-1200 MPa's</td> </tr> <tr> <td>Gel Time:</td> <td>130 minutes @ 20°C</td> </tr> <tr> <td>Coverage:</td> <td>0.15-0.20 m²/kg</td> </tr> </table>	Type:	epoxy	S.G.:	1.08 + 0.01	Viscosity:	800-1200 MPa's	Gel Time:	130 minutes @ 20°C	Coverage:	0.15-0.20 m ² /kg
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Coverage:	0.15-0.20 m ² /kg										
Packaging	1kg and 3kg pack.										
Storage	Store in dry and cool place below 35oC. Protect from direct sunlight.										
Shelf life	24 months if stored properly in original unopened packaging.										
Instruction for use	<p>Surface preparation: Concrete surfaces should be clean, free from oil, grease and chemical contamination. Steel surfaces should be degreased and blasted to remove rust, scale and oxide layers.</p> <p>Mixing: Add the contents of the hardener tin to the base tin and mix thoroughly for approximately 1-3 minutes until homogenous.</p> <p>Application: Application of the primer to steel should take place immediately after blasting or within 4 hours. Apply NanoPrimer to the substrate with a stiff bristled brush ensuring that the primer is well worked into the surface. Coverage is 6-8 m² per kg depending on surface profile. Allow the primer to become tacky, between 2-4 hours depending on temperature. Once the primer has achieved a tacky state, the subsequent coating/screed should then be applied. Normal application temperature is between 5 and 15°C, higher temperatures will reduce the time in which the over coating materials can be applied. Should the primer dry on the surface, a further primer coating should be applied, always allow the primer to become tacky before over coating.</p>										
Cleaning & disposal	All tools should be cleaned with NanoSolvent. Do not dispose off into water or soil but according to local regulations.										
Precautions & Limitations	In common with most epoxy resin systems, the NanoPrimer will react exothermically when mixed and left in bulk.										
Health & safety	NanoPrimer is capable of irritating unprotective skin, we therefore recommend the use of a suitable barrier cream and gloves.										